

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS II145-6 REV A, AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA145-5 REV N/C  
REF. TCCA STC: SH21-24  
REF. EASA STC: 10077436  
REF. FAA STC: SR04694NY

## 1.0 PURPOSE:

The purpose of this Service Instruction is to provide clarity on the trimming of the girts on the P/N 646.5405/5406 fwd floats used in the 654.6700 float kits for compatibility with the Airbus Hoist Cable Guards and to provide a disposition on girts that have been trimmed with a sharp corner.

## 2.0 PROCEDURE:

Girt Cutouts (to be applied to both the inner and outer sides of the girt):

1. For P/N 654.5405/5406 fwd floats that have NOT been trimmed for the Airbus Hoist Cable Guards, it is acceptable to trim to the back of the FWD hole in the girt with a minimum 0.50" (13 mm) radius as shown in Figure 1. The FWD hole must be relocated 0.80" (20 mm) aft of the existing FWD hole in the girt.
2. For P/N 654.5405/5406 fwd floats that have already been trimmed per Figure 2, these must be reworked according to Figure 3 in order to introduce a minimum 0.50" (13 mm) radius in the cutout.
3. For P/N 654.5405/5406 fwd floats that have to be trimmed between the attachment points, it is acceptable to make 2.0±0.25" [50.8±6.4mm] wide by 1.25±0.13" [31.8±3.3mm] high cutouts with a minimum internal radius of 0.06" [1.5mm] as shown in Figure 4. These cutouts must be in the black fabric a minimum of 0.13" [3.3mm] away from the metal girt.

## 3.0 WEIGHT AND BALANCE:

There is negligible weight and balance change associated with these modifications.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 22.10.17  
CERT. NO.: SH21-24  
ISSUE NO.: 1

B	ADD ITEM 3 TO SECTION 2.0 AND FIGURE 4	AA	22.10.17
A	GIRT CUTOUT	AA	22.07.12
REV.	DESCRIPTION	BY	DATE
DESIGN	AA	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AA		
CHECKED	CZ	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9890	SHEET 1 OF 3
APPROVED	CZ	TITLE	SCALE
DE APPR.	DS	<b>GIRT CUTOUT</b>	NTS
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#### 4.0 REFERENCE FIGURES:

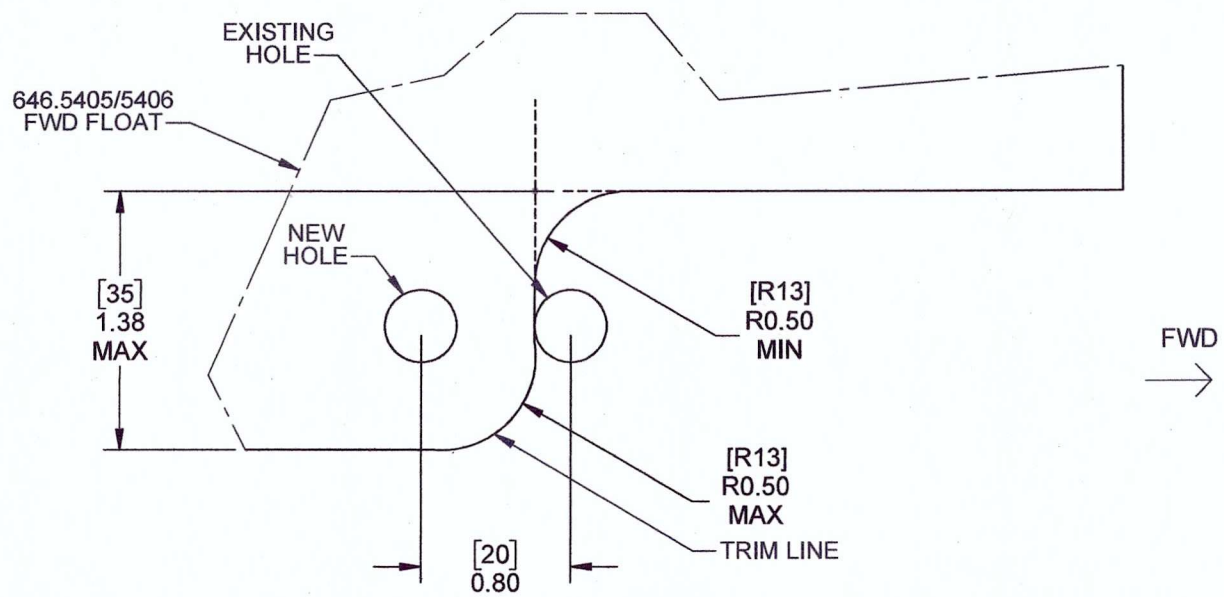


FIGURE 1: REWORK TO NEW FLOATS (BOTH SIDES OF GIRT)

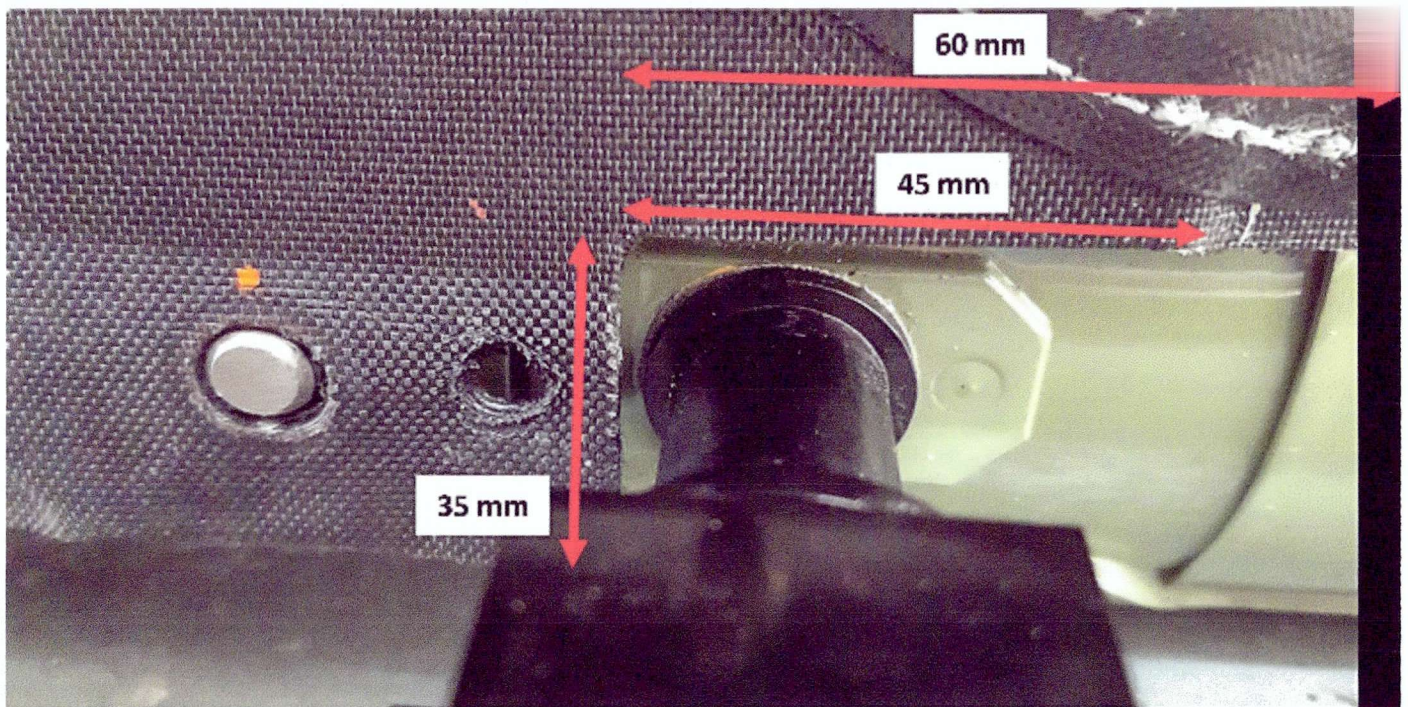


FIGURE 2: MODIFIED FLOATS (BY AIRBUS)

DESIGN	AA	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AA		
CHECKED	CZ	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9890	SHEET 2 OF 3
APPROVED	CZ	TITLE	SCALE
DE APPR.	DS	<b>GIRT CUTOUT</b>	NTS
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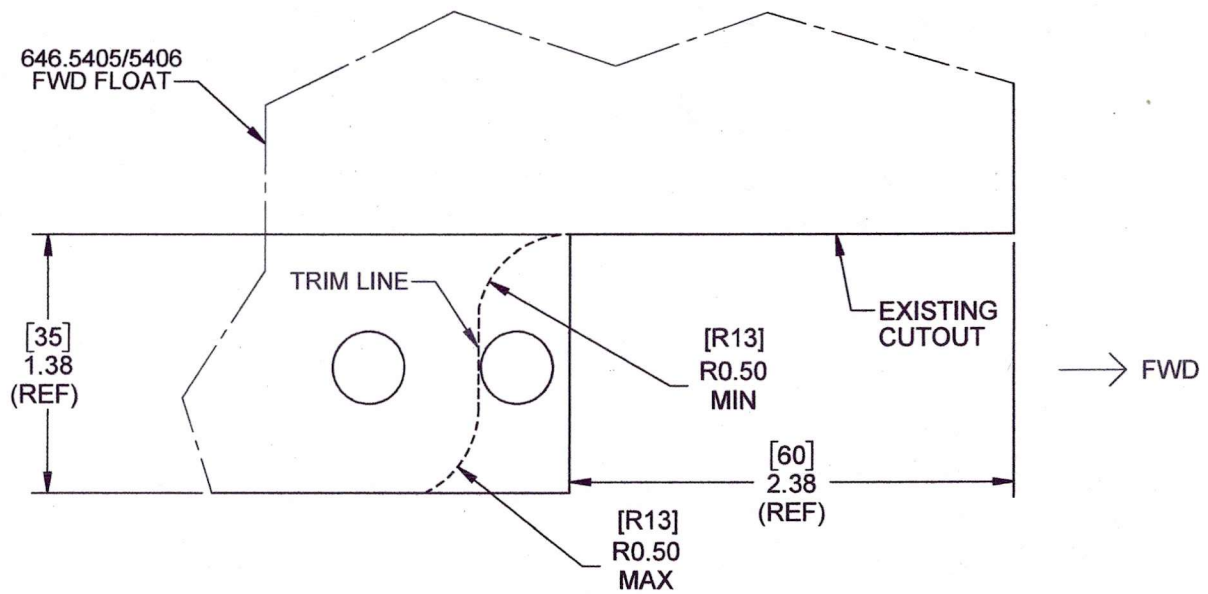


FIGURE 3: REWORK TO MODIFIED FLOATS (BOTH SIDES OF GIRT)

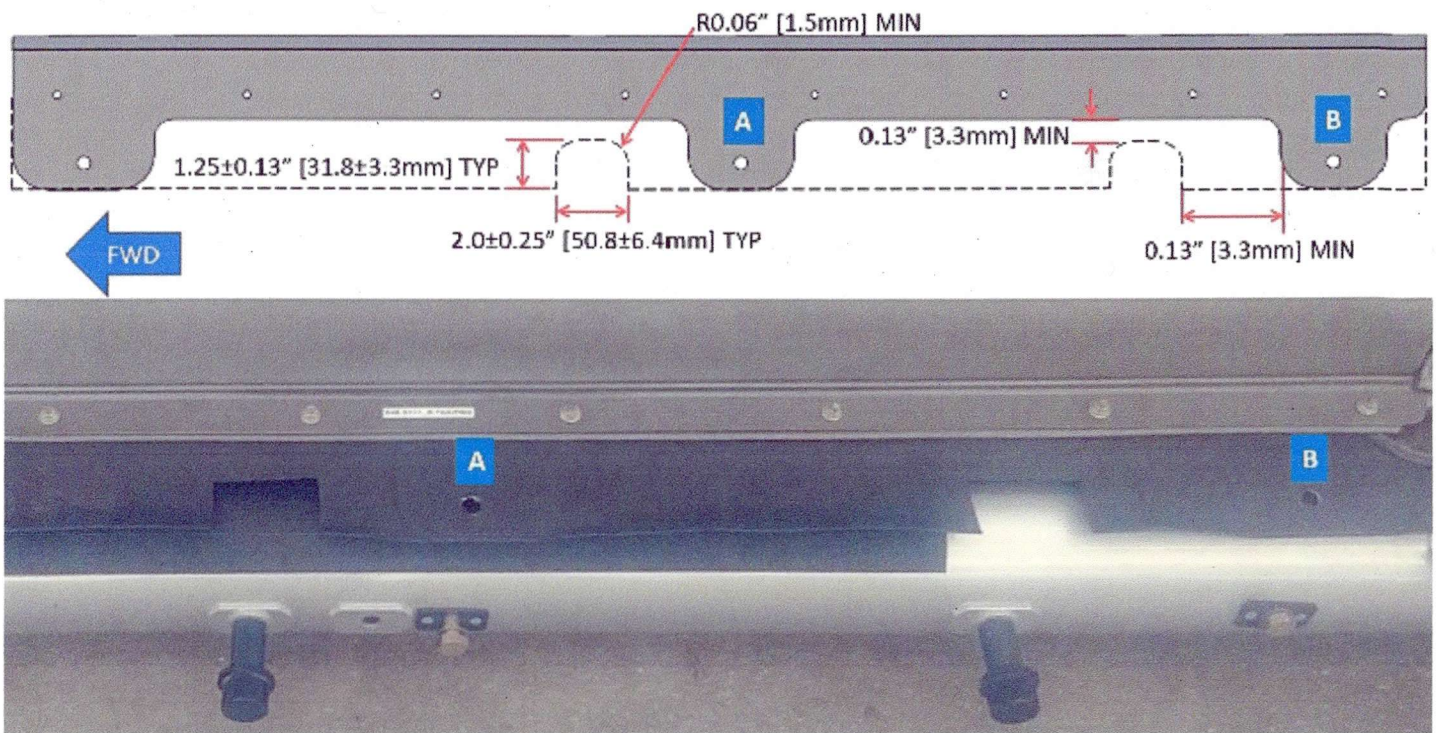


FIGURE 4: REWORK TO GIRT FABRIC BETWEEN ATTACHMENT HOLES

DESIGN	AA	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AA		
CHECKED	CZ	DRAWING NO.	REV. B
MFG. APPR.	N/A	<b>DSI 9890</b>	SHEET 3 OF 3
APPROVED	CZ	TITLE	SCALE
DE APPR.	DS	<b>GIRT CUTOUT</b>	NTS
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